

Name: _____ Date: _____

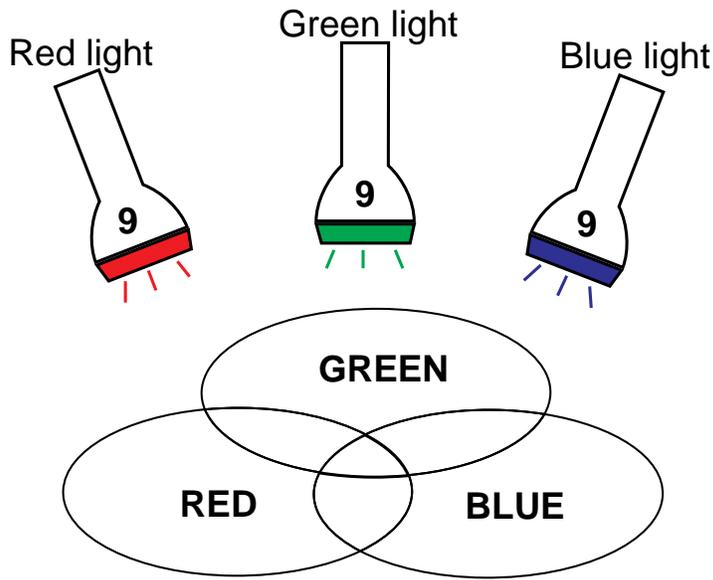
Color Mixing Activity

Mix the colors of red, green and blue light using flashlights of these 3 different colors. As you create a new color, enter your discoveries in the Color Mixing Table below. Use the number code listed to describe how you created the color. This process is similar to how your computer monitor can display thousands, even millions of colors using the primary colors of light.

0 = light off

9 = light on

5 = about 1/2 the amount of light



Color Mixing Table

Color Created	Red	Green	Blue

Digital Picture Activity

If we lived on a space station orbiting the Earth and wanted to know about how the Earth looked on the surface, we might send a sensor down to the surface. This sensor could transmit a picture as a series of numbers sent back to us on the space station. Color in the "Digital Picture" on the back of this worksheet to see what the sensor is looking at on the planet Earth.